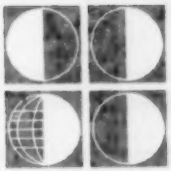
Contents

SOCIAL BIOLOGY

Volume 30, 1983



Volume 30 **Spring 1983** **No. 1**

Contents

Demographic and Epidemiologic Transition Among the Navajo Indians *David W. Broudy and Philip A. May* 1

Good Times, Bad Times: A Study of the Future Path of U.S. Fertility, *Dennis A. Ahlburg* 17

Genetic Distances for ABO and Rh(D) Blood Groups in the State of Nuevo León, Mexico, *Raul Garza-Chapa* 24

Defining and Measuring the Supply of Children, *Sarah Harbison* 32

Supply-Demand Disequilibria and Fertility Change in Africa: Toward a More Appropriate Economic Approach, *James E. Kocher* 41

Kin Relatedness and Church Fissioning in the "Nebraska" Amish, *James P. Hurd* 59

Comparative Analysis of Mating Systems and Marriage Distance Patterns in Five Tribal Groups of Andhra Pradesh, India, *Urmila Pingle* 67

Accelerating Sex Mortality Differentials: An Analysis of Contributing Factors, *Ellen M. Gee and Jean E. Veevers* 75

Family Background, Cognitive Ability, and Personality as Predictors of Educational and Occupational Attainment, *R. C. Johnson, C. T. Nagoshi, F. M. Ahern, J. R. Wilson, J. C. DeFries, G. E. McCléarn, and S. G. Vandenberg* 86

Brief Reports

Religious Identity and Attitudes Toward Contraceptives Among University Students in Nigeria, *Ikponmwosa Owie* 101

Automobile Accidents and Birthdays: An Attempted Extension of the "Death Dip" Hypothesis, *Phillip R. Kunz and Carla Williams* 106

Inbreeding Among Three Endogamous Groups in a Multicaste Village of Andhra Pradesh, India, *A. Papa Rao and V. Rami Reddy* 109

Message from the President of the Society for the Study of Social Biology—Social Biology: Whence and Whither, *John L. Fuller* 112

Communications

Symposium on Changing Patterns of Diseases Sponsored by the Society for the Study of Social Biology 115

Book Reviews

The IQ Game: A Methodological Inquiry into the Heredity-Environment Controversy (Taylor), *Jerry Hirsch* 116

Race, Social Class, and Individual Differences in I.Q. (Scarr), Gordon Allen 118

Basic Population Genetics (Wallace), Louis Levine 120

Morality as a Biological Phenomenon (Stent), Del Thiessen 122

Volume 30 **Summer 1983** **No. 2**

Contents

Those Ubiquitous Fertility Trends: United States, 1945–1979, *James A. Sweet and Ronald R. Rindfuss* 127

Public Policy and Adolescent Sexual Behavior in the United States, *Madelon Lubin Finkel and David J. Finkel* 140

Physiognomic Homogamy: A Test of Physical Similarity As a Factor in the Mate Selection Process, *Victoria J. Chambers, John R. Christiansen, and Phillip R. Kunz* 151

Genetic Implications of Return Migration, *John H. Relethford and Francis C. Lees* 158

Minority Type Human Mate Preference, *Thomas H. Thelen* 162

Social Selection in Human Populations: Deterministic Analyses on the Modification of the Fitness of Offspring by Affected Parents, *Shozo Yokoyama and John P. Rice* 181

Social Class and Height and Weight in Metropolitan Madras, *Edwin D. Driver and Aloo E. Driver* 189

Age of Mother and Pregnancy Outcome in the 1981 Arkansas Birth Cohort, *William D. Mangold* 205

Race, Height, and Blood Pressure in Northeastern Brazil, *C. A. A. Barbosa, N. E. Morton, R. Wette, D. C. Rao, and H. Krieger* 211

A Test of the Child Replacement Hypothesis: Nineteenth Century Massachusetts, *Helena Temkin-Greener and Alan C. Swedlund* 218

Brief Reports

A Note on the Reduction of a Risk of Death, *Shan Pou Tsai, Robert J. Hardy, and Eun Sul Lee* 228

Book Reviews

On the Evolution of Human Behavior: The Argument from Animals to Man (Reynolds), *Charlotte M. Otten* 234

The Foundations of Ethology (Lorenz), *Jack P. Hailman* 235

World Population and Human Values: A New Reality (Salk and Salk), *Norman P. Ryder* 238

Volume 30 **Fall 1983** **No. 3**

Contents

Trends in Moslem Fertility and the Application of the Demographic Transition Model, *Mostafa H. Nagi* 245

Annual Rhythms in Human Violence and Sexual Aggression in the United States, and the Role of Temperature, *Richard P. Michael and Doris Zumpe* 263

Fertility Effects of Isolated Spouse Separations in Relation to Their Timing, *R. G. Potter, D. Abowitz, and F. E. Kobrin* 279

Voluntary and Involuntary Childlessness in the United States, 1955–1973, *Dudley L. Poston, Jr., and Kathryn Beth Kramer* 290

Becoming Voluntarily Childless: An Exploratory Study in a Scottish City, *Elaine Campbell* 307

Childlessness: A Panel Study of Expressed Intentions and Reported Fertility, *Louis G. Pol* 318

Contraceptive Use and Efficacy in a Genetically Counseled Population, *Dorothy C. Wertz and James B. Sorenson* 328

Brief Reports

Opportunity for Natural Selection Among the Three Migrant Groups of Fishermen of Puri, India, *B. Mohan Reddy* 335

Book Reviews

Biology and the Social Sciences: An Emerging Evolution (Wiegele), *John L. Fuller* 339

Schizophrenia: The Epigenetic Puzzle (Gottesman and Shields), *Thomas P. Mackenzie* 341

Ethology, The Mechanisms and Evolution of Behavior, *William S. Pollitzer* 342

Volume 30 **Winter 1983** **No. 4**

Contents

A Benefit-Cost Analysis of Amniocentesis, *Ralph L. Andreano and Daniel W. McCollum* 347

Epidemiology of Fetal Alcohol Syndrome Among American Indians of the Southwest, *Philip A. May, Karen J. Hymbaugh, Jon M. Aase, and Jonathan Samet* 374

Evidence of Increasing Natural Fertility in Taiwan, *Shireen J. Jejeebhoy* 388

Age, Period, and Cohort Effects on Maternal Mortality: A Linear Logit Model, *Edward Jow-Ching Tu and Jane-Lan Christy Chuang* 400

Religion and Intensity of Inbreeding in Tamil Nadu, South India, *P. S. S. Sundar Rao* 413

Brief Reports

Tracing the Brain Drain With Reprint Requests, *Wilson I. B. Onuigbo* 423

Book Reviews

Darwin to DNA, Molecules to Humanity (Stebbins), *Virginia C. Maiorana and Leigh M. Van Valen* 426

Measuring Change in Nutritional Status: Guidelines for Assessing the Nutritional Impact of Supplementary Feeding Programmes for Vulnerable Groups (WHO), *Dorothy J. Pringle* 428

Banbury Report 10: Patenting of Life Forms (Plant, Reimers, and Zinder), *Max Levitan* 429

Index to Volume 30 431

Year-end Table of Contents i